



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**Hartman Windows & Doors, LLC**

531 Southern Blvd.

West Palm Beach, Fl. 33405

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION: Series "American" Inswing Glazed Wood Patio Doors**

**APPROVAL DOCUMENT:** Drawing No W08-28 Rev C, titled "American" Inswing Wood Patio Doors" Sheets 1 through 9 of 9, dated 03-18-08 and last revised on OCT 04, 2012, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING: Large and Small Impact**

### Limitations:

1. Wood material in direct contact with masonry or concrete shall be treated with approved preservative or approved durable species complying w/ chapter 23 of FBC.
2. Max raised panel is limited =38"Wx42" H panel (Min thickness of raised panel=1-3/4" min 1/2" bites).

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA # 12-0620.14 and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.

MIAMI-DADE COUNTY  
APPROVED

NOA No. 13-0627.11  
Expiration Date: October 23, 2018  
Approval Date: September 12, 2013  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections (submitted under file # **12-0620.14**)
2. Drawing No **W08-28 Rev C**, titled "American" Inswing Wood Patio Doors" Sheets 1 through 9 of 9, dated 03-18-08 and last revised on OCT 04, 2012, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E. (Note: This approval is renewal with no change).

**B. TESTS (submitted under files #12-0620.14 / #08-0603.08)**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

Along with marked-up drawings and installation diagram of an inswing wood door w/ sidelites, prepared by Fenestration Testing Lab Inc., Test Report No. **FTL 5294 (FTL07083)**, dated 08/21/07, signed and sealed by Carlos S. Roinda, P.E.

Along with installation diagram of outswing wood doors & wood doors w/ sidelites & transom marked-up by Hurricane Testing Laboratory, Inc., Test Report No. **HTL-0137-0215.05** dated 02/21-24/05 and **HTL-0137-0328.05** dated 03/30/05, both signed and sealed by Vinu Abraham, P.E.

Note: Addendum letter dated 07/30/08, issued by HTL, signed and sealed by Vinu Abraham, P.E.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2010, prepared by Al Farooq Corporation, dated 06/06/12 and last revised on 10-04-12, signed and sealed by Javad Ahmad, P.E. (submitted under file # **12-0620.14**)

**D. QUALITY ASSURANCE**

1. Miami Dade Department of Regulatory and Economic Resources (RER).

**E. MATERIAL CERTIFICATIONS**


1. Notice of Acceptance No. **11-0624.02** issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont Sentry Glass @ interlayer", expiring on 01/14/17.
2. Notice of Acceptance No. **12-1231.08**, issued to Eastman Chemical Company(MA) former Solutia, Inc. for "Saflex CP; Saflex & Saflex HP Composites Glass Interlayer w/ PET core", expiring on 12/11/18.

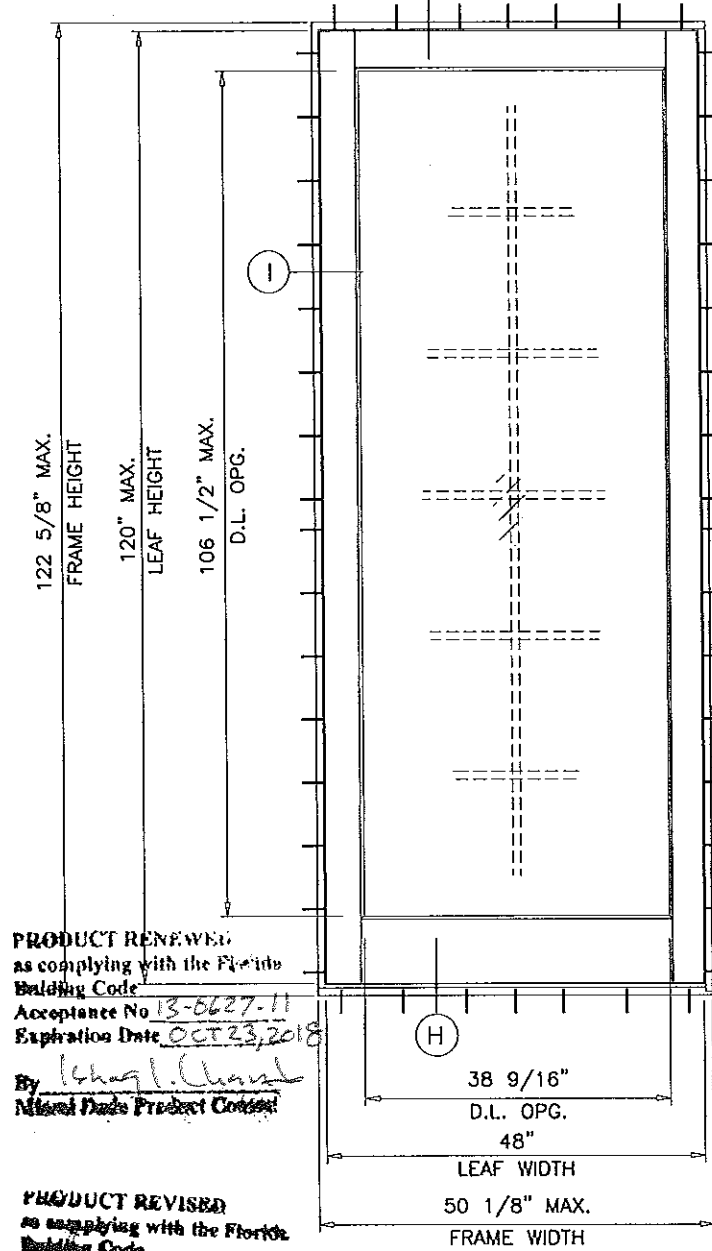
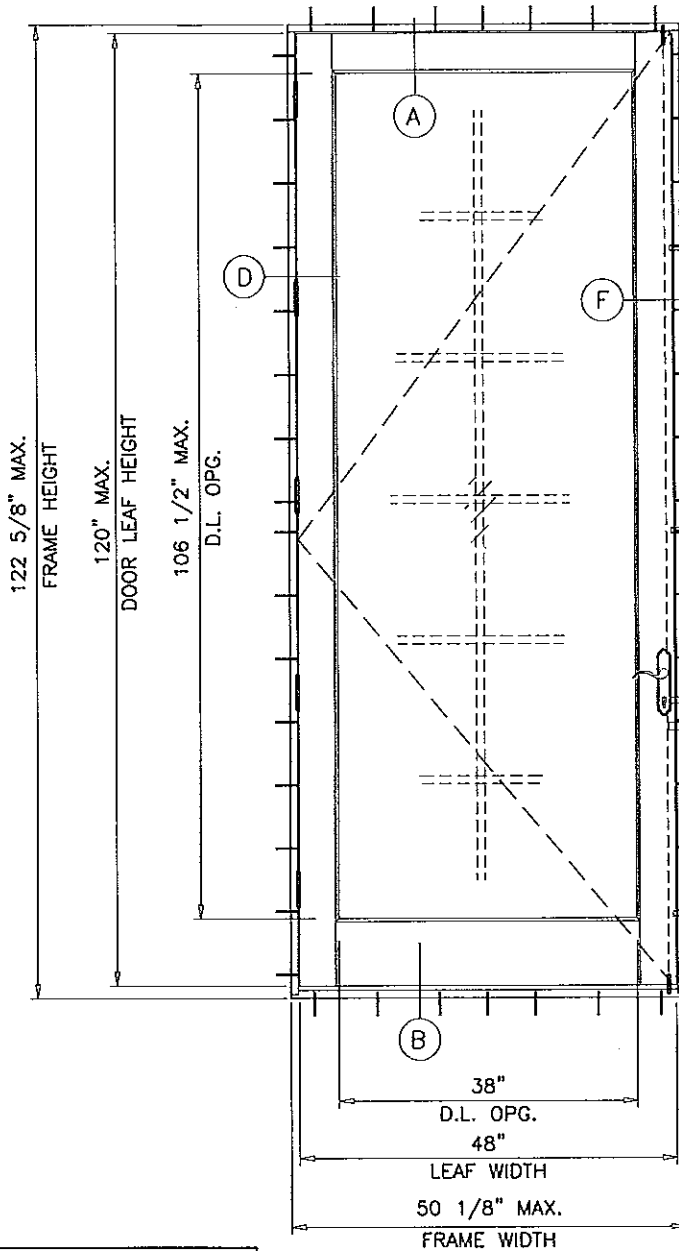
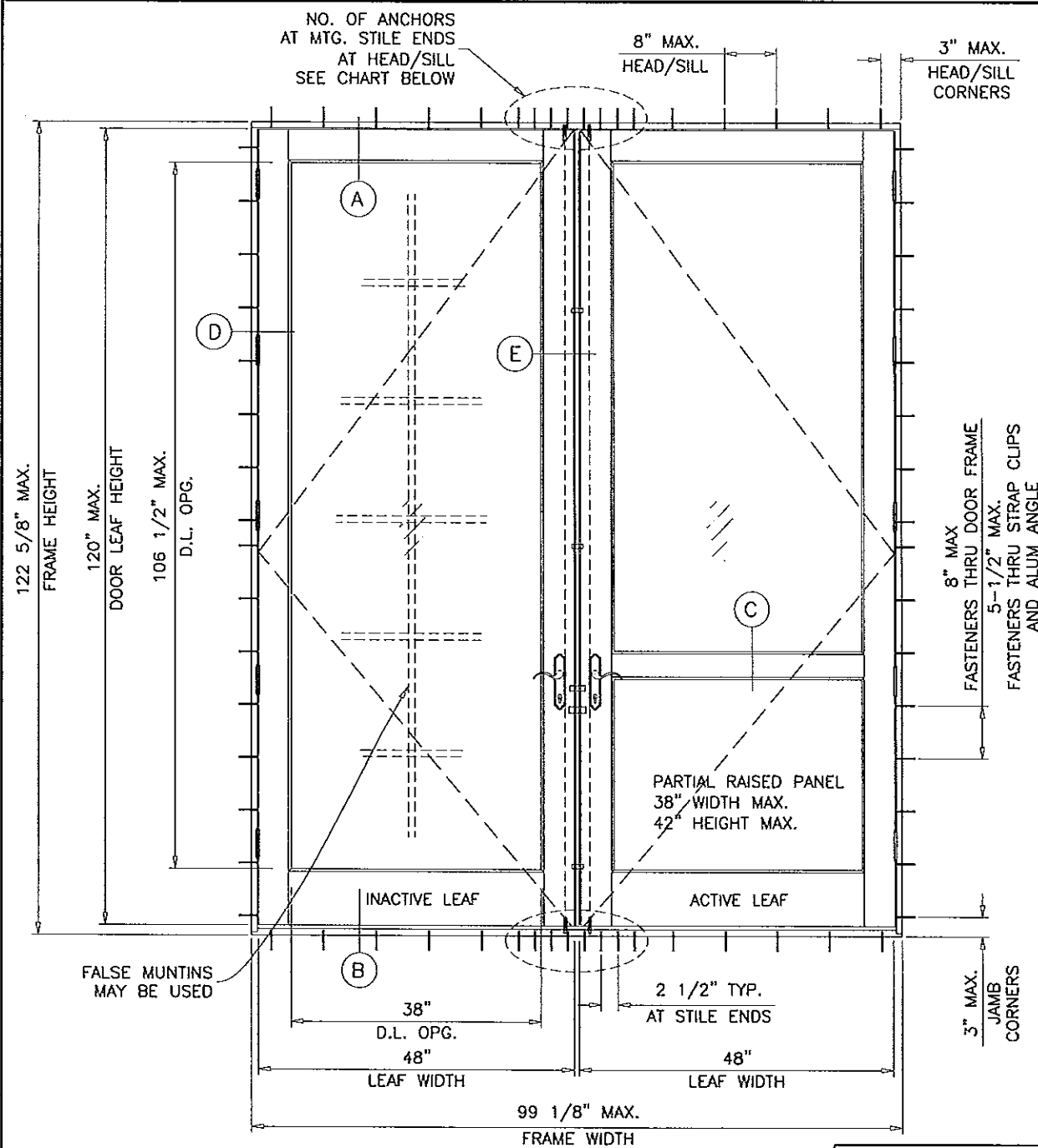
**F. STATEMENTS**

1. Statement letter of conformance to FBC 2010, prepared by Al Farooq Corporation, dated 06/14/13, signed and sealed by Javad Ahmad, P.E.
2. Statement letter of conformance to FBC 2010 and letter of no financial interest, prepared by Al-Farooq Corporation, dated 06/05/12, signed and sealed by Javad Ahmad, P.E.
3. Lab compliance statement, as part of the above referenced test reports.

**G. OTHER**

1. This NOA **renews** NOA # **12-0620.14**, expiring on OCT 23, 2013.
2. Test proposal dated 05/15/06 approved by BCCO.
3. Assets Purchase Agreement dated Jan 17, 2002 between Hartman Windows & Doors, LLC and Platinum Industries Inc. (submitted under file # **08-0603.08**)

  
Ishaq I. Chanda, P.E.  
Product Control Examiner  
NOA No. 13-0627.11  
Expiration Date: October 23, 2018  
Approval Date: September 12, 2013



PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No 13-0627-11  
Expiration Date OCT 23, 2018

By *[Signature]*  
Miami Dade Product Control

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 12-0620-14  
Expiration Date OCT 23, 2013

By *[Signature]*  
Miami Dade Product Control

LAMINATED GLASS  
INSULATING LAMINATED GLASS

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538  
OCT 04 2012

|                          | NUMBER OF ANCHORS AT MTG. STILE ENDS (HEAD/SILL) |                                  |                                   |
|--------------------------|--|----------------------------------|-----------------------------------|
| MAXIMUM DOOR LEAF HEIGHT | ANCHORS TYPE 'A' THRU DOOR FRAME                 | ANCHORS TYPE 'B' THRU STRAP CLIP | ANCHORS TYPE 'B' THRU CONT. ANGLE |
| UPTO 120"                | 6  | 20                               | 7                                 |
| UPTO 96"                 | 5  | 16                               | 6                                 |

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

# AMERICAN INSWING WOOD PATIO DOOR

DESIGN LOAD RATINGS FOR SINGLE(X) AND DOUBLE(XX) DOORS TO BE AS PER CHARTS SHOWN IN SHEET 2.

THE SINGLE(X) AND DOUBLE(XX) MAY BE USED IN COMBINATION WITH/WITHOUT SIDELITE AND WITH/WITHOUT TRANSOM (UNDER SEPARATE APPROVALS) WITH HARTMAN CLIPPED/UNCLIPPED WOOD & STEEL MULLION (UNDER SEPARATE APPROVAL) OR MAY BE USED WITH MIAMI-DADE COUNTY APPROVED STAND ALONE CLIPPED MULLION IN BETWEEN.

WHEN DOORS ARE USED IN MULLED COMBINATION, THE LOWER DESIGN PRESSURE FROM DOORS, SIDELITES, TRANSOMS OR MULLION WILL APPLY TO THE ENTIRE SYSTEM, INCLUDING INSTALLATION, TO BE REVIEWED AND APPROVED BY AUTHORITY HAVING JURISDICTION (AHJ).

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-6978  
COMP-ANL WOS-28HWD

AMERICAN INSWING WOOD PATIO DOOR (L.M.I.)

**HARTMAN WINDOWS & DOORS, LLC**  
531 SOUTHERN BLVD.  
WEST PALM BEACH, FL 33405  
TEL. (561) 296-9600 FAX. (561) 296-9601

| no | date     | by | description            |
|----|----------|----|------------------------|
| A  | 06.28.08 |    | REV. PER BOCO COMMENTS |
| B  | 06.05.12 |    | UPDATED TO 2010 FBC    |
| C  | 10.03.12 |    | REV. PER RER COMMENTS  |

date: 03-18-08

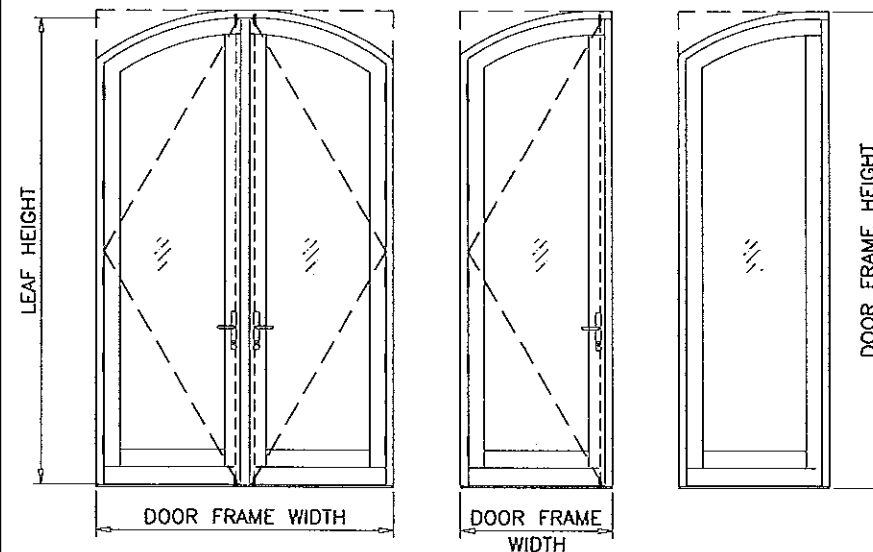
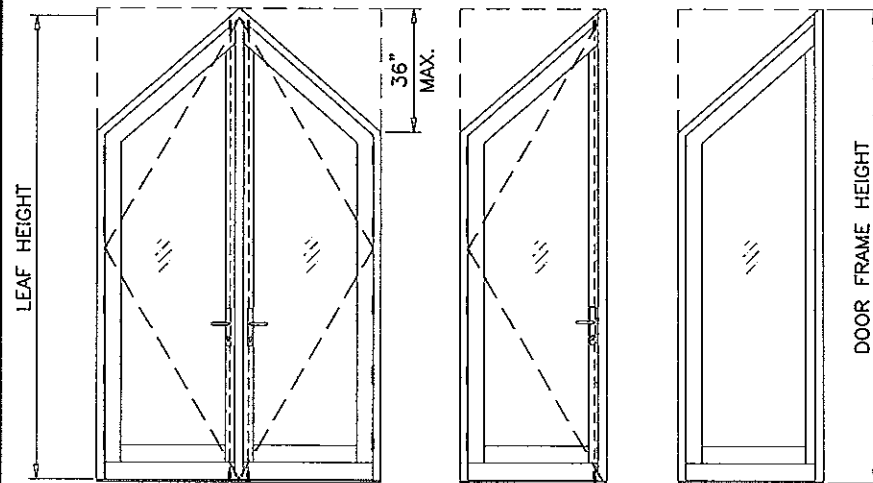
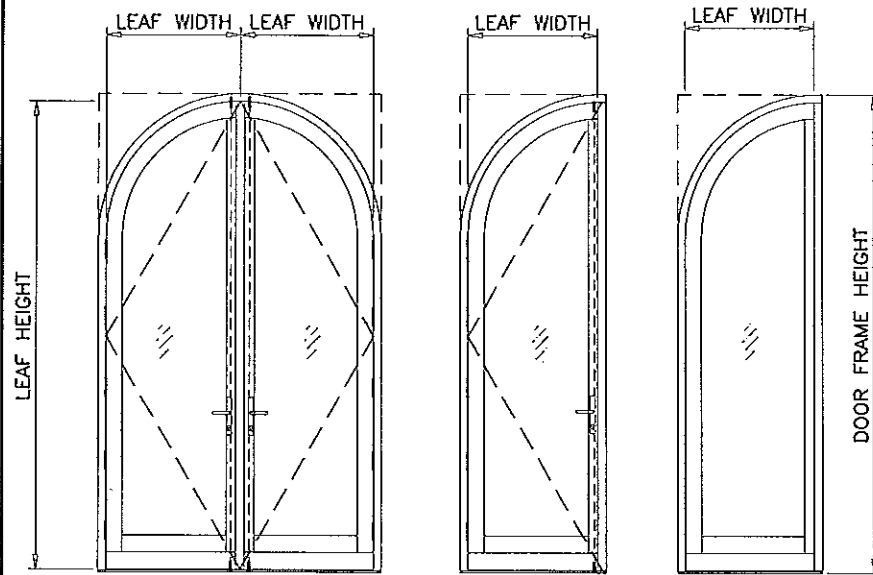
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dr. by: HAMID

chk. by:

drawing no.  
**W08-28**

sheet 1 of 9



( XX )

( X )

( O )

ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE VERIFIED BY INSCRIBING DOOR SHAPE WITHIN RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES.

| DESIGN LOAD CAPACITY - PSF<br>ARCH TOP DOORS |                       |                         |         |                 |         |                 |         |
|--|-----------------------|-------------------------|---------|-----------------|---------|-----------------|---------|
| NOMINAL DIMS.                                |                       | GLASS TYPES<br>A, B & D |         | GLASS TYPE<br>C |         | GLASS TYPE<br>E |         |
| LEAF WIDTH<br>INCHES                         | LEAF HEIGHT<br>INCHES | EXT.(+)                 | INT.(-) | EXT.(+)         | INT.(-) | EXT.(+)         | INT.(-) |
| 36   | 84                    | 70.0                    | 70.0    | 75.0            | 70.0    | 75.0            | 70.0    |
|  | 96                    | 70.0                    | 70.0    | 75.0            | 70.0    | 75.0            | 70.0    |
|  | 108                   | 70.0                    | 70.0    | 75.0            | 70.0    | 75.0            | 70.0    |
|  | 120                   | 70.0                    | 70.0    | 75.0            | 70.0    | 75.0            | 70.0    |

DOOR FRAME HEIGHT = LEAF HEIGHT + 2.625  
DOOR FRAME WIDTH (SINGLE) = LEAF WIDTH + 2.125  
DOOR FRAME WIDTH (DOUBLE) = (LEAF WIDTH)2 + 3.125

#### GLASS D.L.O. DIMS.

D.L.O. HEIGHT (DOORS & O PANELS) = LEAF HEIGHT - 13.5"  
D.L.O. WIDTH (DOORS & O PANELS) = LEAF WIDTH - 10"

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 13-0627-11  
Expiration Date 10/23/13  
By Ishmael L. Llanes  
Product Control

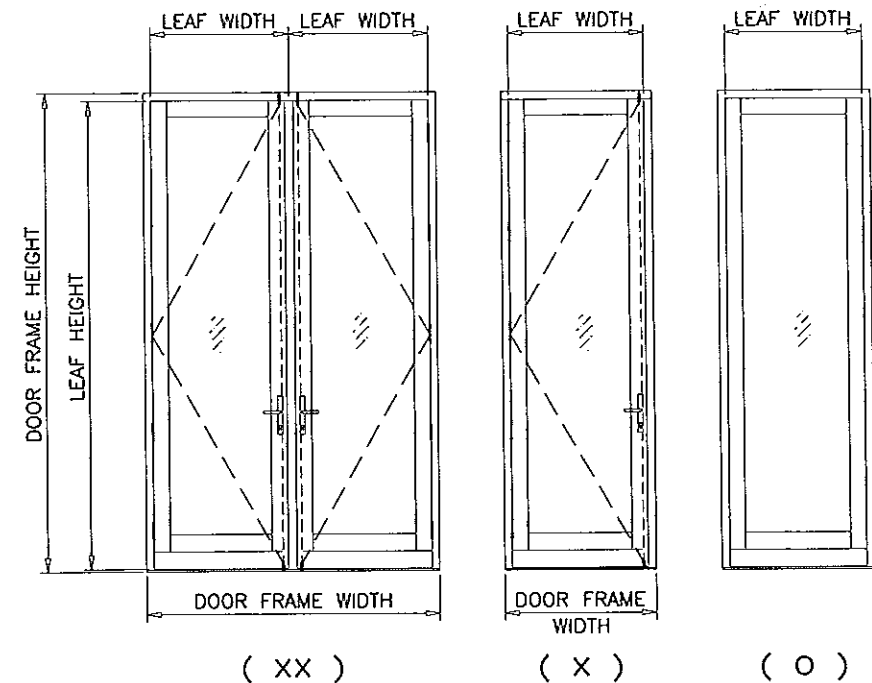
DOORS CAN BE INSTALLED WITH ANY OF THE FOLLOWING OPTIONS

- OPTION 1: BY USING FASTENERS THRU DOOR FRAME.
- OPTION 2: BY USING FASTENERS THRU STRAP CLIPS.
- OPTION 3: BY USING FASTENERS THRU CONT. ALUM ANGLE.

SEE ELEVATIONS FOR SPACING  
SEE SHEETS 4 THRU 7 FOR DETAILS.

FOR DESCRIPTION AND LOCATION OF  
LOCKS AND HINGES SEE SHEET 3.

NOTE:  
GLASS CAPACITIES ARE BASED ON  
ASTM E1300-04 (3 SEC. GUSTS)  
AND FLORIDA BUILDING COMMISSION  
DECLARATORY STATEMENT DCA05-DEC-219



| DESIGN LOAD CAPACITY - PSF<br>RECTANGLE DOORS |                       |                         |         |                 |         |                 |         |
|---|-----------------------|-------------------------|---------|-----------------|---------|-----------------|---------|
| NOMINAL DIMS.                                 |                       | GLASS TYPES<br>A, B & D |         | GLASS TYPE<br>C |         | GLASS TYPE<br>E |         |
| LEAF WIDTH<br>INCHES                          | LEAF HEIGHT<br>INCHES | EXT.(+)                 | INT.(-) | EXT.(+)         | INT.(-) | EXT.(+)         | INT.(-) |
| 36  | 84                    | 70.0                    | 70.0    | 75.0            | 70.0    | 75.0            | 70.0    |
|   | 96                    | 70.0                    | 70.0    | 75.0            | 70.0    | 75.0            | 70.0    |
|   | 108                   | 70.0                    | 70.0    | 75.0            | 70.0    | 75.0            | 70.0    |
|   | 120                   | 70.0                    | 70.0    | 75.0            | 70.0    | 75.0            | 70.0    |
| 42  | 84                    | -                       | -       | 75.0            | 70.0    | 75.0            | 70.0    |
|   | 96                    | -                       | -       | 75.0            | 70.0    | 75.0            | 70.0    |
|   | 108                   | -                       | -       | 75.0            | 70.0    | 75.0            | 70.0    |
|   | 120                   | -                       | -       | 75.0            | 70.0    | 75.0            | 70.0    |
| 48  | 84                    | -                       | -       | 75.0            | 70.0    | 75.0            | 70.0    |
|   | 96                    | -                       | -       | 69.4            | 69.4    | 75.0            | 70.0    |
|   | 108                   | -                       | -       | 64.3            | 64.3    | 75.0            | 70.0    |
|   | 120                   | -                       | -       | 61.2            | 61.2    | 75.0            | 70.0    |

PRODUCT REVISED  
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Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
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OCT 04 2012

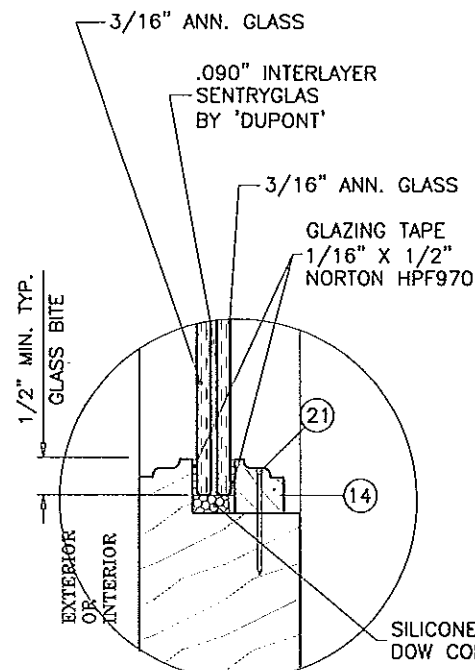
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
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MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-6978  
COMP - ANL \ W08 - 28HWD

AMERICAN INSWING WOOD PATIO DOOR (L.M.I.)  
HARTMAN WINDOWS & DOORS, LLC  
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WEST PALM BEACH, FL 33405  
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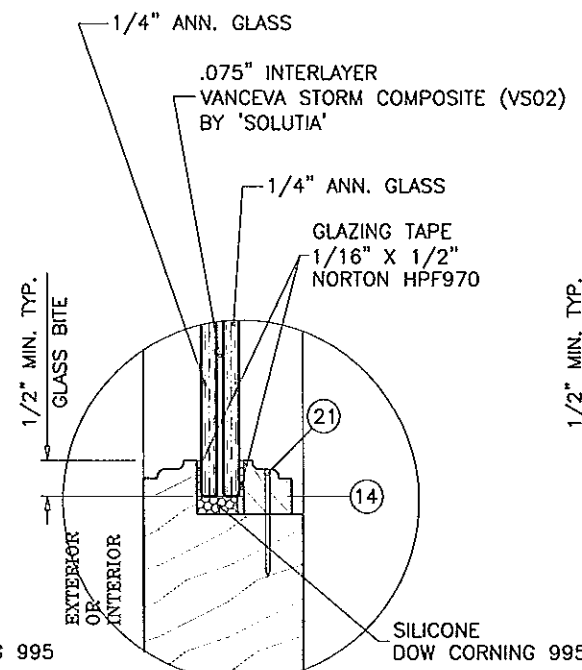
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|----|----------|------------------------|-------------|
| A  | 08.28.08 | REV. PER BOCO COMMENTS |             |
| B  | 08.05.12 | UPDATED TO 2010 FBC    |             |
| C  | 10.03.12 | REV. PER RER COMMENTS  |             |

date: 03-18-08  
scale: 1/2"=1'-0"  
dr. by: HAWID  
chk. by:

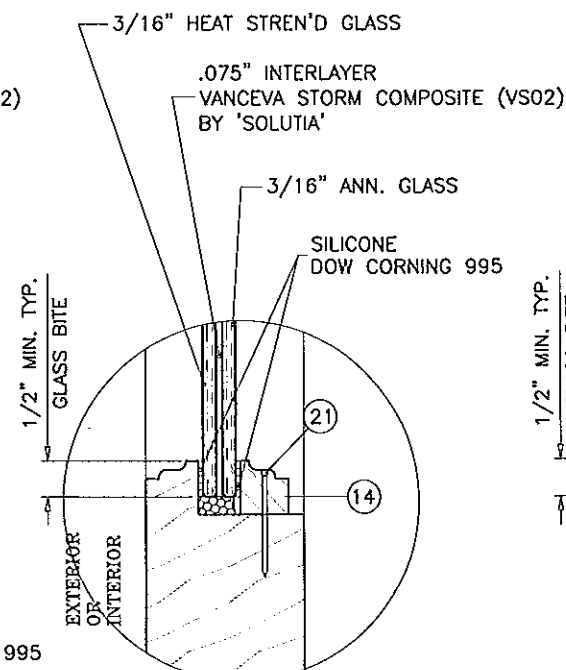
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**W08-28**  
sheet 2 of 9



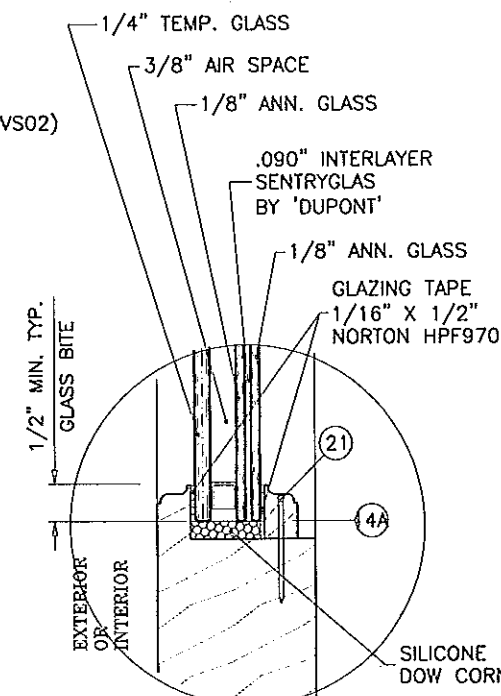
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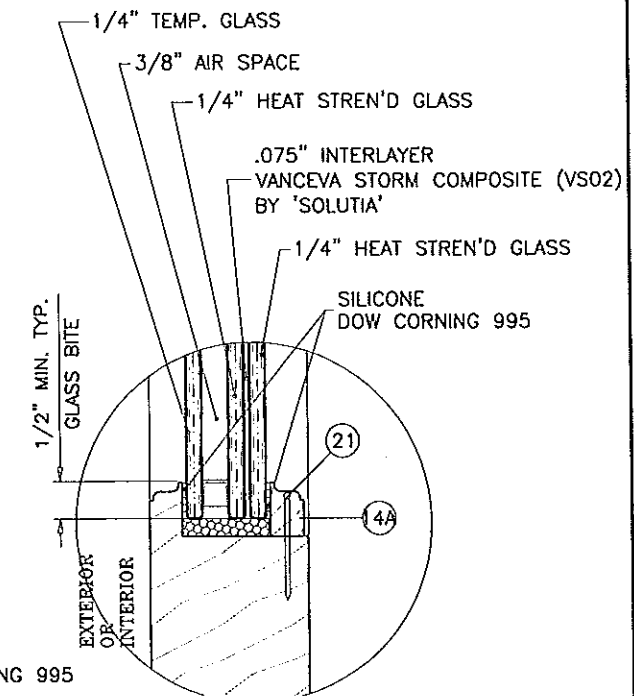
GLAZING TYPE 'B'



GLAZING TYPE 'C'



GLAZING TYPE 'D'



GLAZING TYPE 'E'

## LOCKS:

### SINGLE LEAF DOORS

7 POINT LOCKING SYSTEM GU UF8-625 WITH SHOOT BOLTS ENGAGING SIMULTANEOUSLY AT HEAD & SILL ACTUATING HANDLE AT 34" FROM BOTTOM.  
LOCK FASTENED WITH SINGLE ROW OF (20) #8 X 1-3/4" SMS  
(3) 3-3/4" LONG METALLIC STRIKE PLATES AT FRAME JAMB AT 9", 57-1/2" AND 90" FROM BOTTOM  
EACH FASTENED WITH (2) #8 X 3/4" FH SMS  
(1) 8" LONG METALLIC STRIKE PLATE AT FRAME JAMB AT 34-3/4" FROM BOTTOM  
FASTENED WITH (3) #8 X 3/4" FH SMS

### DOUBLE LEAF DOORS

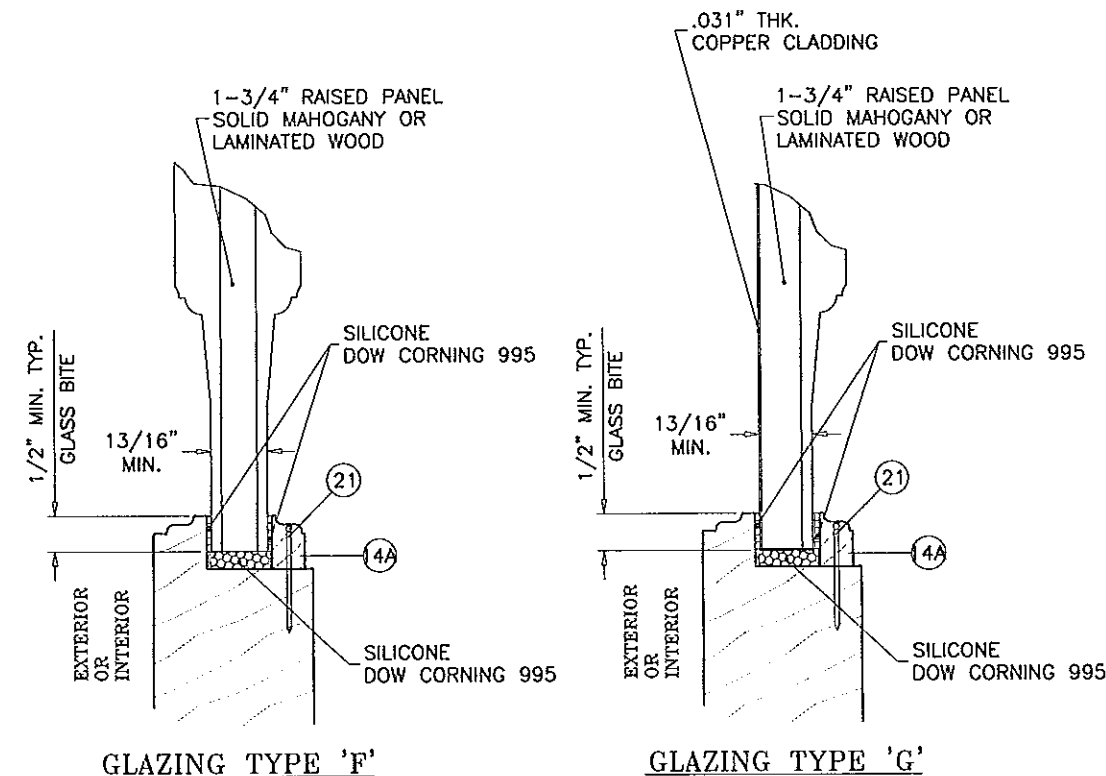
#### ACTIVE LEAF:

7 POINT LOCKING SYSTEM GU UF8-625 WITH SHOOT BOLTS ENGAGING SIMULTANEOUSLY AT HEAD & SILL ACTUATING HANDLE AT 34" FROM BOTTOM.  
LOCK FASTENED WITH SINGLE ROW OF (20) #8 X 1-3/4" SMS  
(3) 3-3/4" LONG METALLIC STRIKE PLATES AT INACTIVE LEAF AT 9", 57-1/2" AND 90" FROM BOTTOM  
EACH FASTENED WITH (2) #8 X 3/4" FH SMS  
(1) 8" LONG METALLIC STRIKE PLATE AT INACTIVE LEAF AT 34-3/4" FROM BOTTOM  
FASTENED WITH (3) #8 X 3/4" FH SMS  
(1) 3-1/4" LONG METALLIC STRIKE PLATE IN FRAME SILL AT FLUSH BOLT LOCATION  
FASTENED WITH (3) #8 X 1-3/4" FH SMS

#### IN-ACTIVE LEAF:

2 POINT LOCK SYSTEM WITH SHOOT BOLTS ENGAGING SIMULTANEOUSLY AT HEAD & SILL  
ACTUATING HANDLE AT 34" FROM BOTTOM  
(1) 3-1/4" LONG METALLIC STRIKE PLATE IN FRAME SILL AT FLUSH BOLT LOCATION  
FASTENED WITH (3) #8 X 1-3/4" FH SMS

PRODUCT REVIEWED  
As complying with the Florida  
Building Code  
Acceptance No 12-0620/14  
Expiration Date 10/23/13  
By [Signature]  
Professional Engineer



GLAZING TYPE 'F'

GLAZING TYPE 'G'

## GLAZING OPTIONS

PARTIAL RAISED PANEL

PRODUCT REVIEWED  
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Acceptance No 13-0627/11  
Expiration Date 10/23/13  
By [Signature]  
Professional Engineer

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

[Signature]

OCT 04 2012

## SEALANT:

ALL JOINTS SEALED WITH SONNEBORN NP 1 POLYURETHANE SEALANT.

## HINGES:

4-1/2" X 4-1/2" ST. STEEL BUTT HINGES  
AT 12" FROM TOP AND BOTTOM AND 25" O.C. MAX.  
EACH FASTENED TO  
FRAME WITH (4) #12 X 7/8" FH SMS  
LEAF WITH (4) #12 X 2-1/2" FH WOOD SCREWS

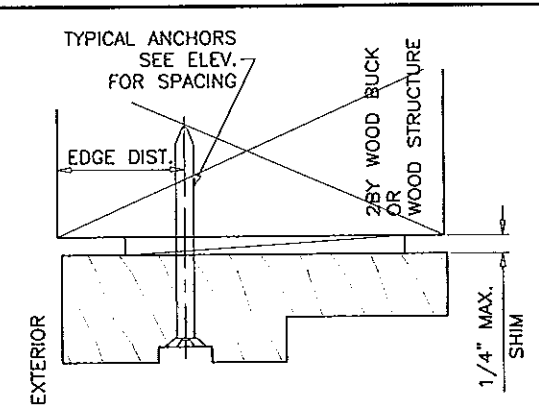
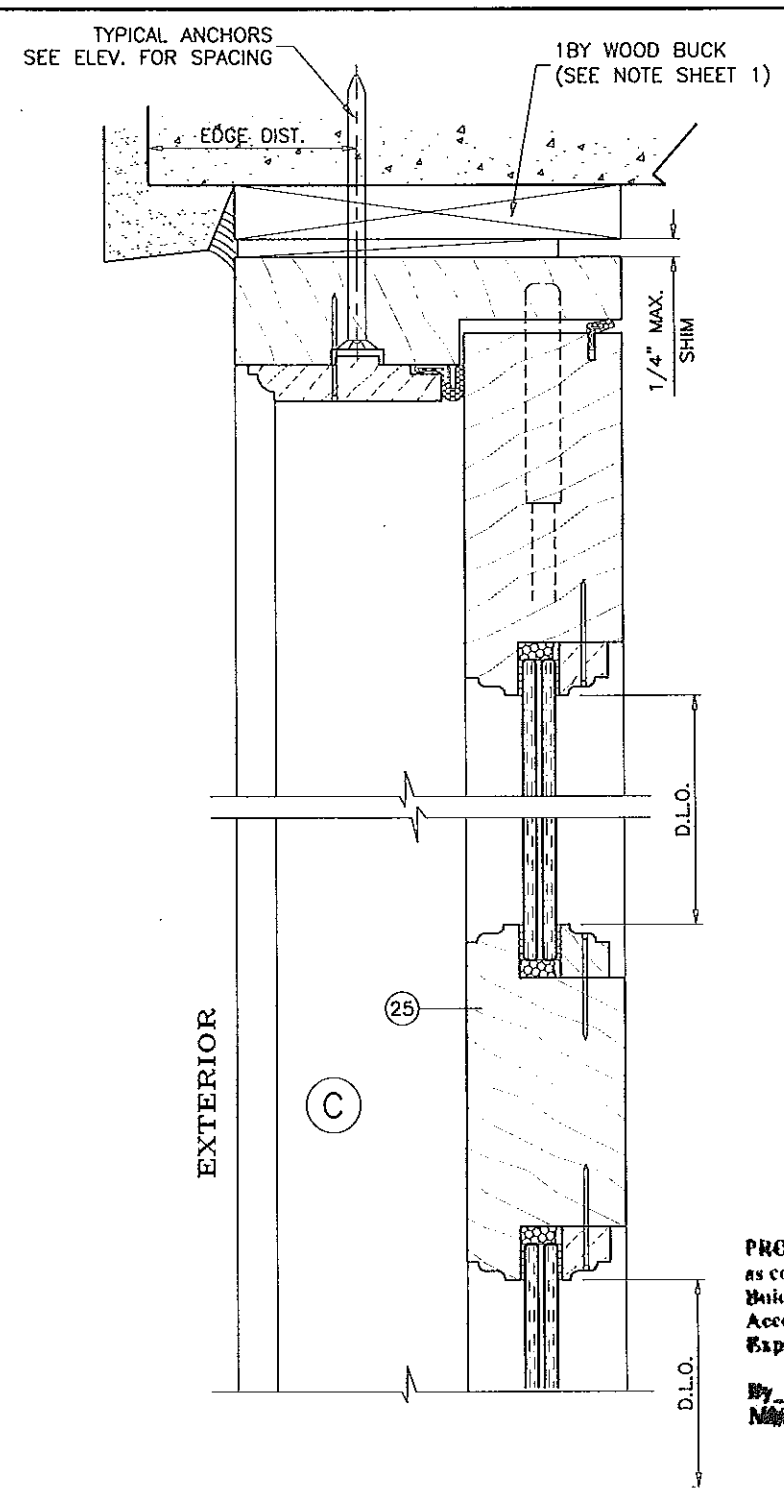
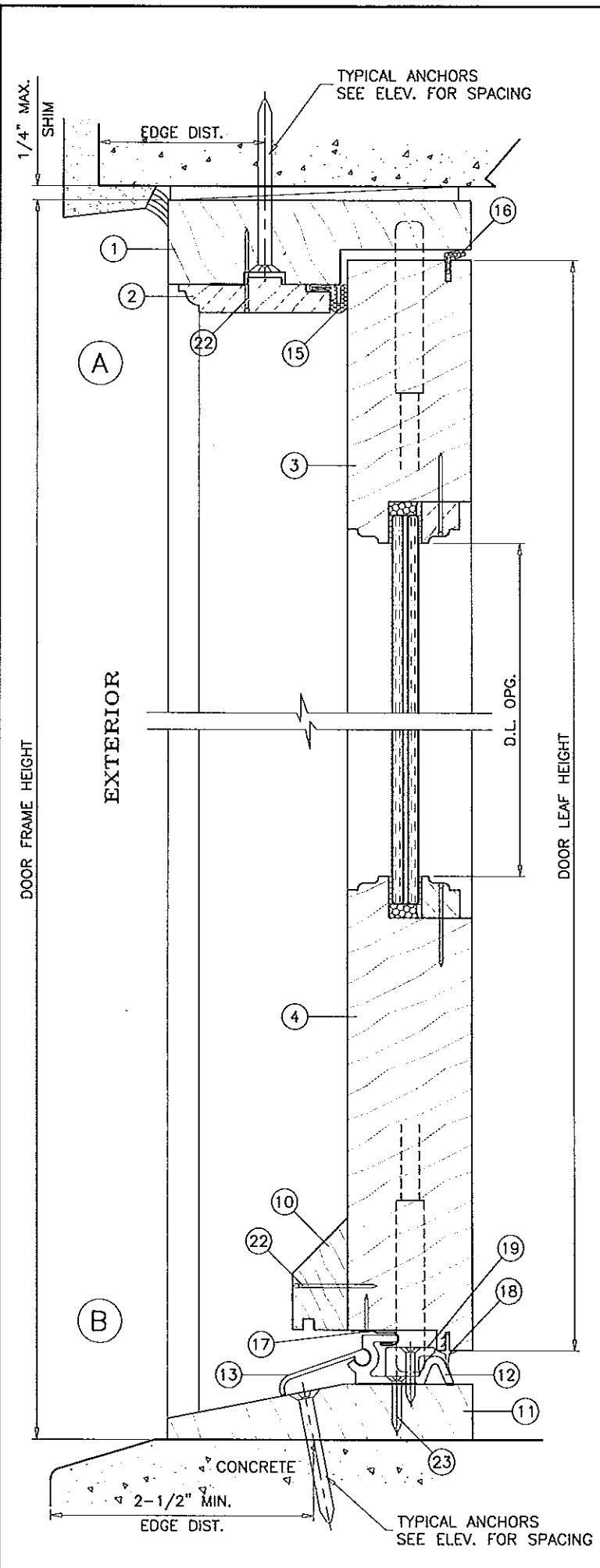
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ENGINEERS & PRODUCT DEVELOPMENT  
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MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-6978  
COMP-ANL\W08-28HWD

AMERICAN INSWING WOOD PATIO DOOR (L.M.I.)  
**HARTMAN WINDOWS & DOORS, LLC**  
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| revisions: | no | date     | by | description            |
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|            | B  | 06.05.12 |    | UPDATED TO 2010 FBC    |
|            | C  | 10.03.12 |    | REV. PER RER COMMENTS  |

|          |           |
|----------|-----------|
| date:    | 03-18-08  |
| scale:   | 3/8" = 1" |
| dr. by:  | HAM/D     |
| chk. by: |           |

drawing no.  
**W08-28**  
sheet 3 of 9



WOOD BUCKS NOT BY HARTMAN WINDOWS, MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

- TYPICAL ANCHORS:** SEE ELEV. FOR SPACING
- ANCHORS THRU DOOR FRAME**
- A: 1/4" DIA. ULTRACON BY 'ELCO' ( $F_u=177$  KSI,  $F_y=155$  KSI) INTO 2BY WOOD BUCKS OR WOOD STRUCTURES 1-1/2" MIN. PENETRATION INTO WOOD THRU 1BY BUCKS INTO CONC. OR MASONRY 1-1/4" MIN. EMBED INTO CONC. OR MASONRY DIRECTLY INTO CONC. OR MASONRY 1-1/4" MIN. EMBED INTO CONC. OR MASONRY
- ANCHORS THRU STRAP CLIPS & ALUM ANGLE** (SEE SHEET 7 FOR DETAILS)
- B: #10 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS) INTO 2BY WOOD BUCKS OR WOOD STRUCTURE 1-1/2" MIN. PENETRATION INTO WOOD
- ANCHOR EDGE DISTANCES**
- INTO CONCRETE AND MASONRY = 2" MIN. (UNLESS SPECIFIED)  
INTO WOOD STRUCTURE = 1" MIN. (UNLESS SPECIFIED)
- ANCHORS CL TO CL DISTANCE**
- INTO CONCRETE AND MASONRY = 3" MIN.  
INTO WOOD STRUCTURE = 1" MIN.
- CONCRETE AT HEAD, SILL OR JAMBS  $f'_c = 3000$  PSI MIN.  
C-90 HOLLOW/FILLED BLOCK AT JAMBS  $f'_m = 2000$  PSI MIN.

PRODUCT RENEWED  
as complying with the Florida  
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Acceptance No. 13-0627-11  
Expiration Date 10/23/13  
By: [Signature]  
Noted: [Signature]

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0620-14  
Expiration Date 10/23/13  
By: [Signature]  
Noted: [Signature]

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538  
007 04 2012

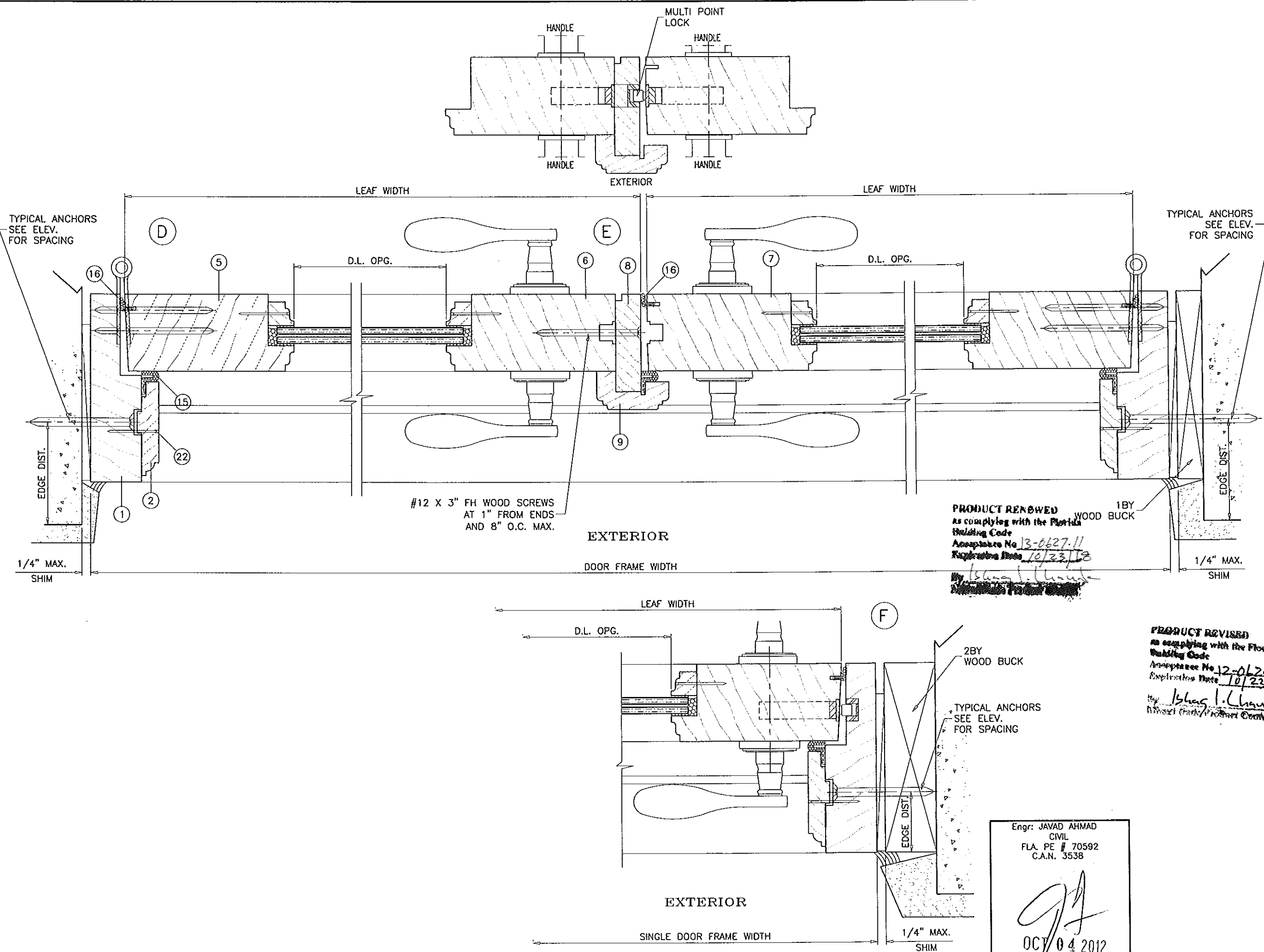
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP - ANL \ W08 - 28HWD

AMERICAN INSWING WOOD PATIO DOOR (L.M.I.)  
**HARTMAN WINDOWS & DOORS, LLC**  
531 SOUTHERN BLVD.  
WEST PALM BEACH, FL 33405  
TEL. (561) 296-9800 FAX. (561) 296-9601

| revisions: |          | no                     | date | by | description |
|------------|----------|------------------------|------|----|-------------|
| A          | 08.28.08 | REV, PER BCCO COMMENTS |      |    |             |
| B          | 06.05.12 | UPDATED TO 2010 FBC    |      |    |             |
| C          | 10.03.12 | REV, PER RER COMMENTS  |      |    |             |

date: 03-18-08  
scale: 3/8" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W08-28**  
sheet 4 of 9



**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 13-0627-11  
 Expiration Date 10/23/13  
 By: [Signature]  
 Director, Product Control

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 12-0620-14  
 Expiration Date 10/23/12  
 By: [Signature]  
 Director, Product Control

Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538  
 OCT 04 2012

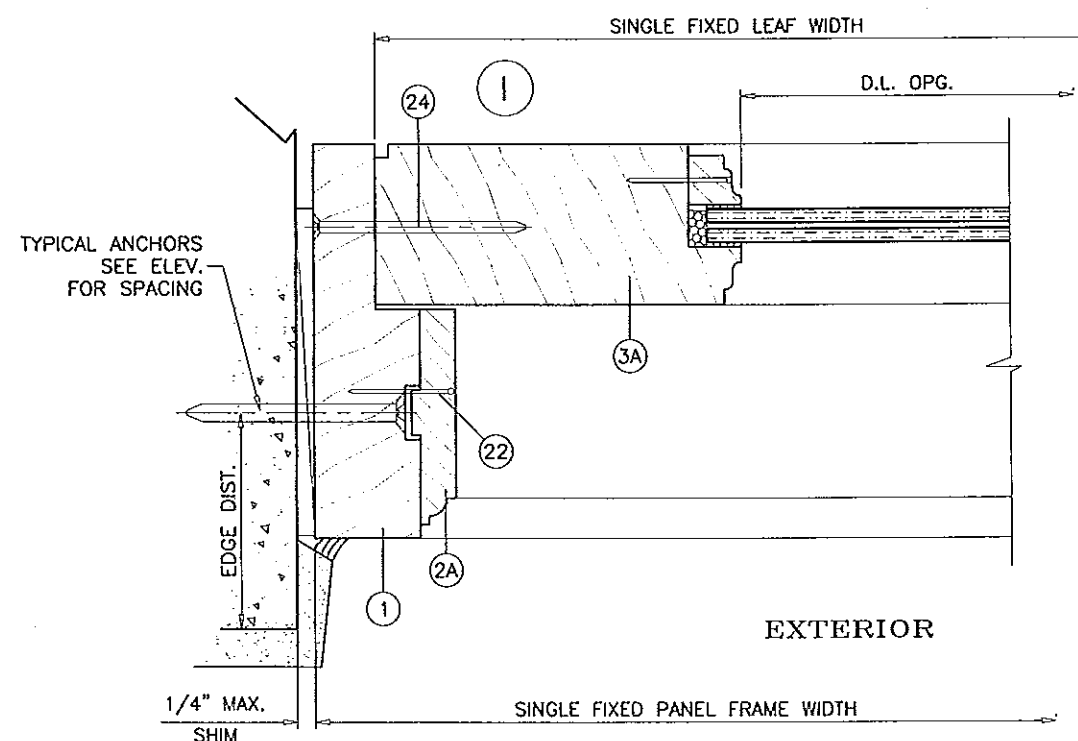
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 1235 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL W08-28HWD

AMERICAN INSURING WOOD PATIO DOOR (L.M.I.)  
**HARTMAN WINDOWS & DOORS, LLC**  
 531 SOUTHERN BLVD.  
 WEST PALM BEACH, FL 33405  
 TEL. (561) 296-9600 FAX. (561) 296-9601

| Revisions: |                                 |
|------------|---------------------------------|
| no         | date by description             |
| A          | 08.28.08 REV. PER BCOO COMMENTS |
| B          | 06.05.12 NO CHANGE THIS SHEET   |
| C          | 10.03.12 REV. PER PER COMMENTS  |

date: 03-18-08  
 scale: 3/8" = 1"  
 dr. by: HAMID  
 chk. by:


drawing no.  
**W08-28**  
 sheet 5 of 9



PRODUCT RENEWED  
As complying with the Florida  
Building Code  
Acceptance No. 13-0627-1  
Expiration Date 10/23/11  
By [Signature]  
Name [Signature]

PRODUCT REVISED  
in compliance with the Florida  
Building Code  
Acceptance No 12-0620-14  
Expiration Date 10/23/13  
By [Signature]  
Miami Date Printed [Signature]

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538



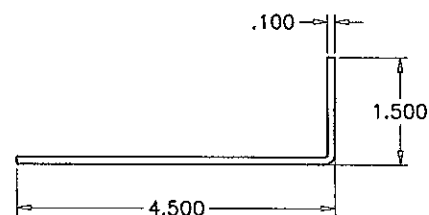
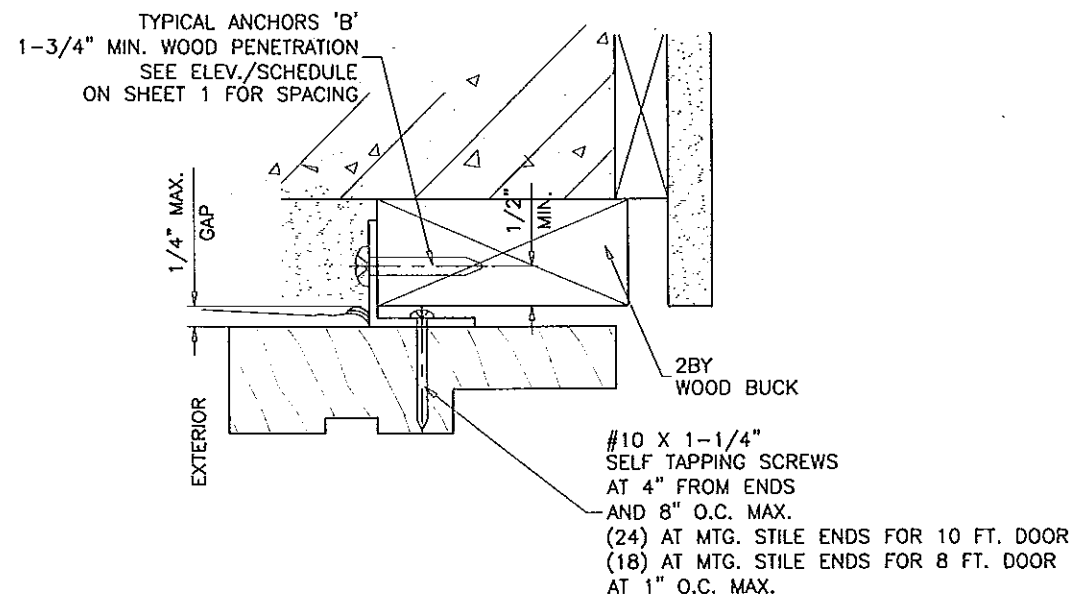
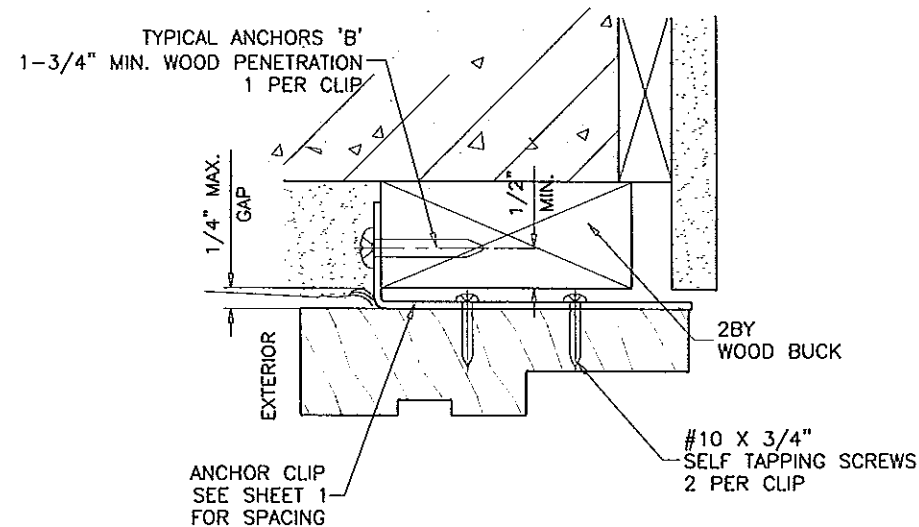
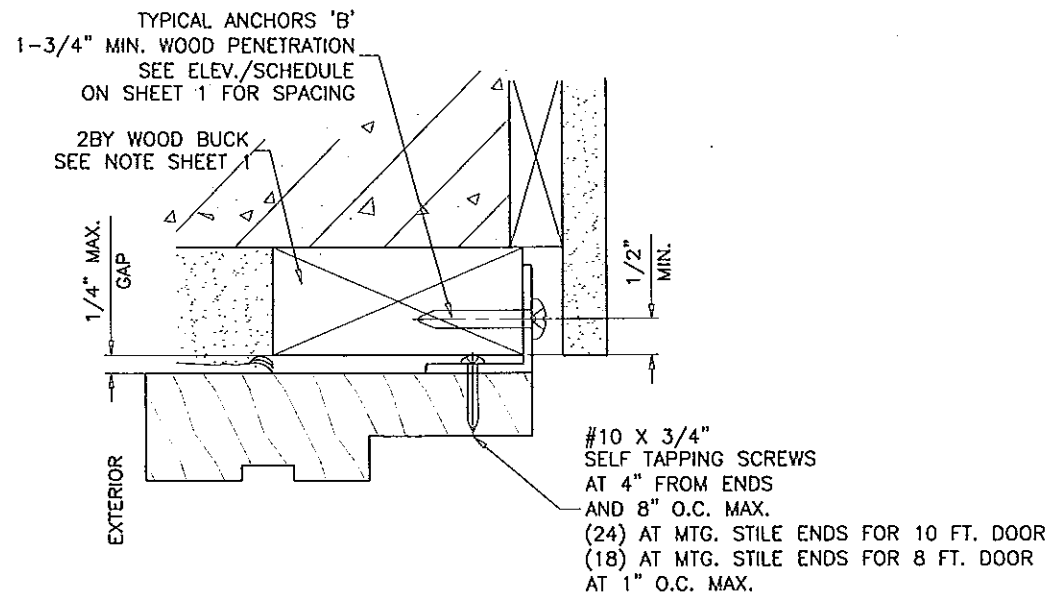
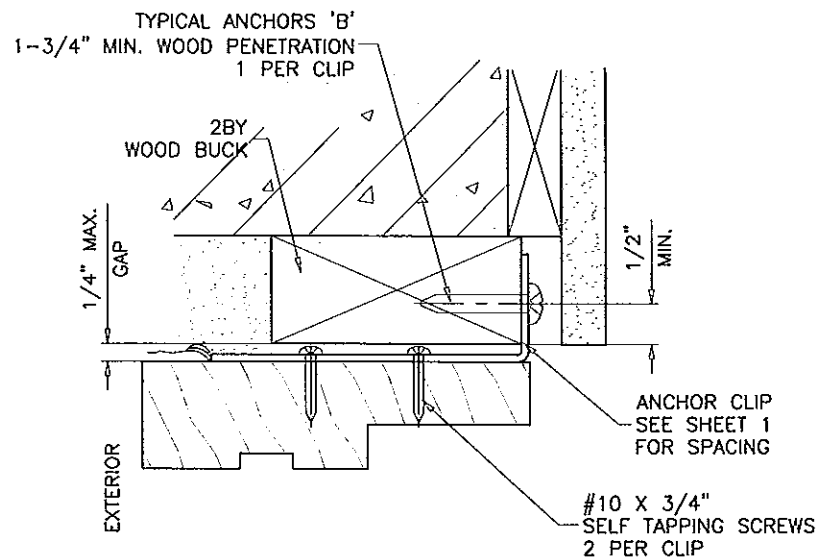
OCT 04 2012

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ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978

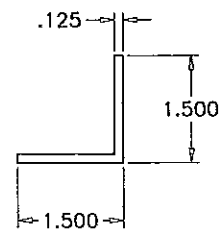
AMERICAN INSWING WOOD PATIO DOOR (L.M.I.)  
HARTMAN WINDOWS & DOORS, LLC  
531 SOUTHERN BLVD.  
WEST PALM BEACH, FL 33405

|                   |  |                  |  |               |  |
|-------------------|--|------------------|--|---------------|--|
| date: 03-18-08    |  | scale: 3/8" = 1" |  | dr. by: HAMID |  |
| drawing no. W08-2 |  |                  |  |               |  |
| sheet 6 of        |  |                  |  |               |  |





STRAP CLIP, 1-3/8" LONG  
GALV. STEEL (Fy = 33000 PSI)



ALUMINUM ANGLE CONT.  
(6063-T6)

APPLICATIONS IN WOOD SUBSTRATE OR WOOD STRUCTURE ONLY

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

OCT 04 2012

PRODUCT REVIEWED  
as complying with the Florida  
Building Code  
Acceptance No. 13-0627-11  
Expiration Date 10/23/18  
By: *Shag L. Lundy*  
Miami Dade Product Council

PRODUCT REVIEWED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0620-14  
Expiration Date 10/23/13  
By: *Shag L. Lundy*  
Miami Dade Product Council

**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-6978  
COMP - ANL \ W08-28HWD

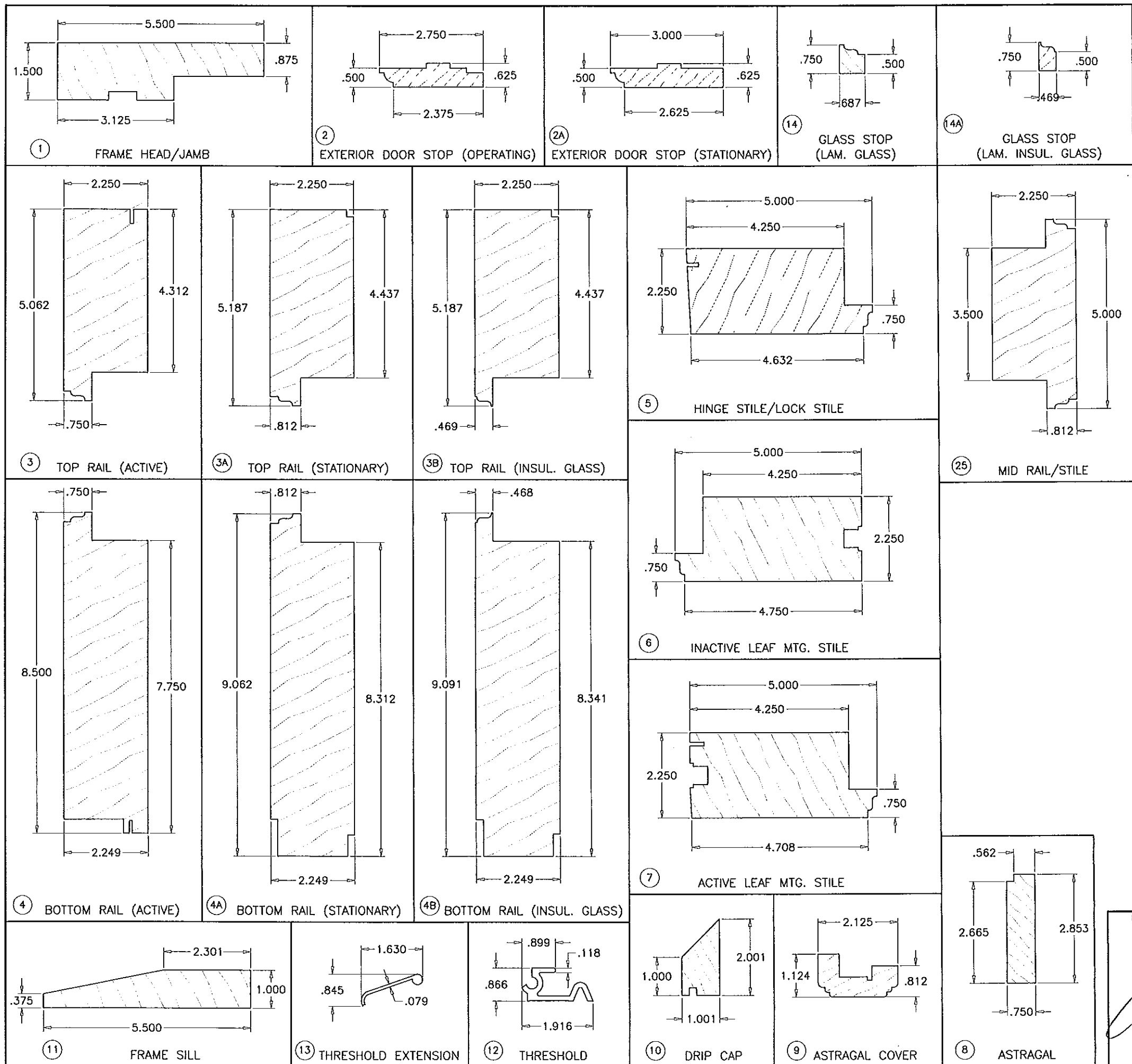
AMERICAN INSWING WOOD PATIO DOOR (L.M.I.)  
**HARTMAN WINDOWS & DOORS, LLC**  
531 SOUTHERN BLVD.  
WEST PALM BEACH, FL 33405  
TEL (561) 296-9600 FAX (561) 296-9601

| revisions: | no | date     | by | description            |
|------------|----|----------|----|------------------------|
|            | A  | 08.28.08 |    | REV. PER BCCO COMMENTS |
|            | B  | 06.05.12 |    | UPDATED TO 2010 FBC    |
|            | C  | 10.03.12 |    | REV. PER PER COMMENTS  |

|          |           |
|----------|-----------|
| date:    | 03-18-08  |
| scale:   | 3/8" = 1" |
| dr. by:  | HAMID     |
| chk. by: |           |

drawing no.  
**W08-28**

sheet 7 of 9



PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 13-0622/11  
Expiration Date 10/23/18  
By Ismael L. Llanusa  
Miami, Florida

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0620/14  
Expiration Date 10/23/13  
By Ismael L. Llanusa  
Miami, Florida

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538  
OCT 04 2012

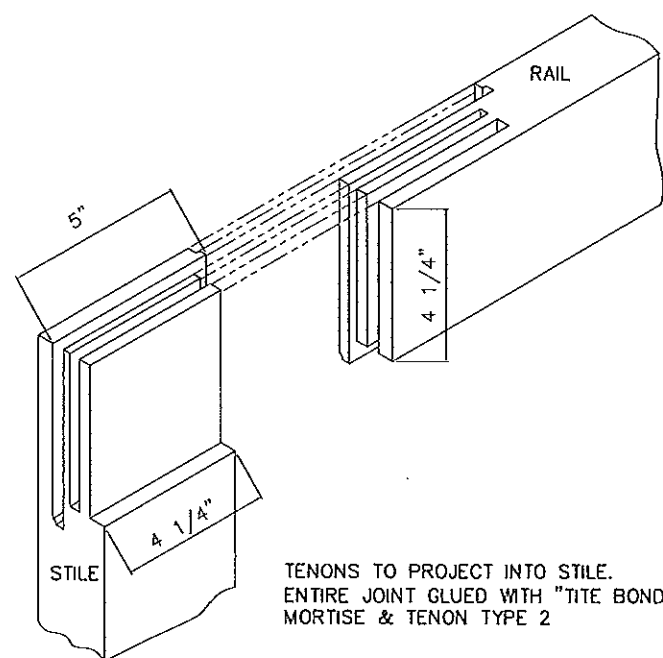
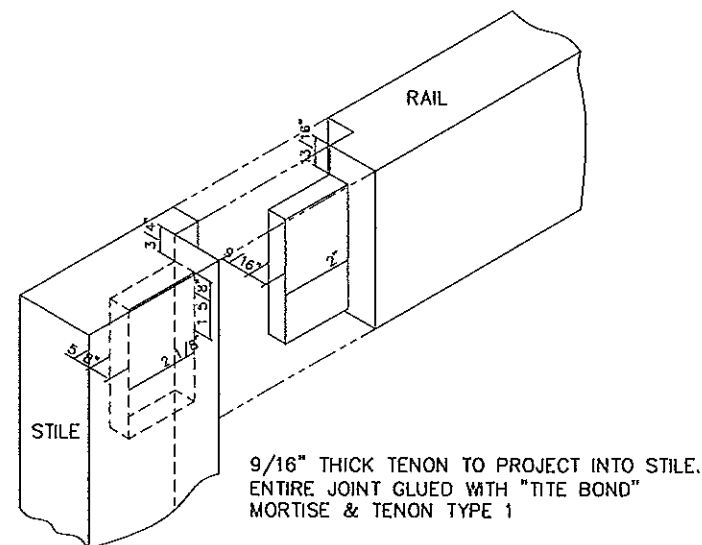
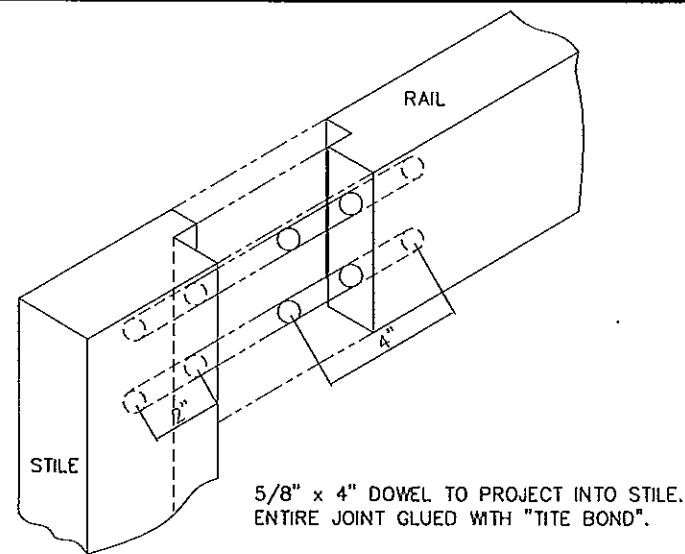
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6975  
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AMERICAN INSWING WOOD PATIO DOOR (L.M.I.)  
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531 SOUTHERN BLVD.  
WEST PALM BEACH, FL 33405  
TEL. (561) 296-9600 FAX. (561) 296-9601

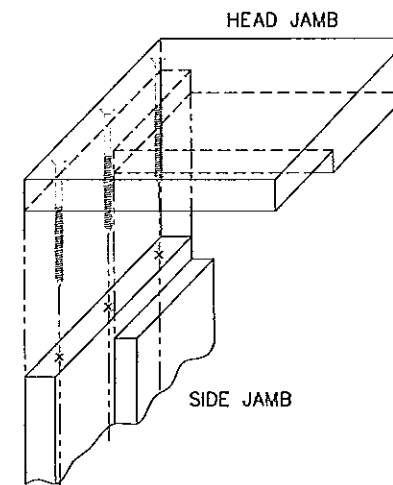
| revisions: | no | date     | description          |
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|            | B  | 06.05.12 | NO CHANGE THIS SHEET |
|            | C  | 10.03.12 | NO CHANGE THIS SHEET |

date: 03-18-08  
scale: 3/8" = 1"  
dr. by: HAMID  
chk. by:

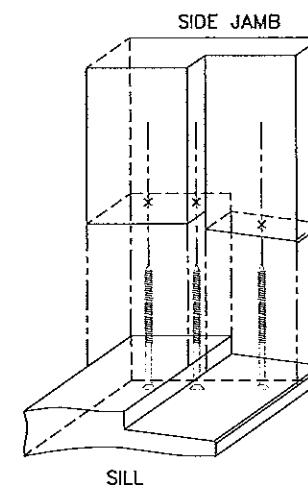
drawing no.  
**W08-28**  
sheet 8 of 9



PANEL CORNER DETAILS



FRAME CORNERS HAVE HALF LAP JOINT  
TYPICAL AT HEAD AND SILL  
WITH (3) #12 x 3 1/2" SS SCREWS AND  
GLUED WITH NP1 POLYURETHANE SEALANT.



FRAME CORNER DETAILS

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 13-0627.11  
Expiration Date OCT 23, 2018  
By: Ishaq I. Chaudhry  
Miami State Product Control

PRODUCT REVIEWED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0620.14  
Expiration Date OCT 23, 2013  
By: Ishaq I. Chaudhry  
Miami State Product Control

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

OCT 04 2012

**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
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| revisions: |          | by                     | description |
|------------|----------|------------------------|-------------|
| no.        | date     |                        |             |
| A          | 08.28.08 | REV. PER BOCO COMMENTS |             |
| B          | 06.05.12 | NO CHANGE THIS SHEET   |             |
| C          | 10.03.12 | NO CHANGE THIS SHEET   |             |

|                |                  |               |          |
|----------------|------------------|---------------|----------|
| date: 03-18-08 | scale: 3/8" = 1" | dr. by: HAMID | chk. by: |
|----------------|------------------|---------------|----------|

|             |        |
|-------------|--------|
| drawing no. | W08-28 |
| sheet       | 9 of 9 |